

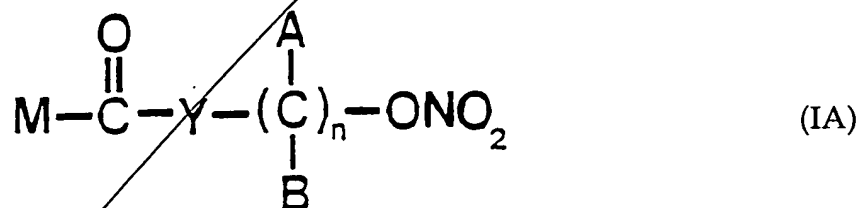
¹⁰
~~20.~~ The pharmaceutical composition of claim ~~19~~⁹ wherein said composition has anti-inflammatory activity.

¹¹
~~21.~~ The pharmaceutical composition of claim ~~19~~⁹ wherein said composition has analgesic activity.

¹²
~~22.~~ The pharmaceutical composition of claim ~~19~~⁹ wherein said composition is used in the treatment of rheumatic diseases, immunological disorders, and moderate to medium painful conditions.

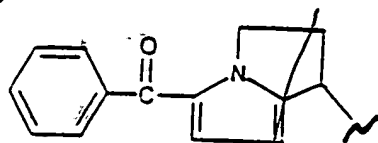
¹³
~~23.~~ The composition of claim ~~19~~⁹ wherein said composition is used in the treatment of diseases affecting the cardiovascular system, senile dementia, myocardial and brain ischemia, and arterial thrombosis.

*Al
Amited*
24. A process for the preparation of nitric esters according to claim 1 and having the following general formula:

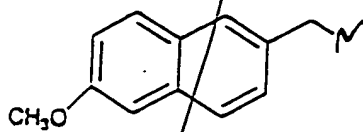


where A and B are chosen among hydrogen, linear or branched, substituted or non substituted alkyl chains,

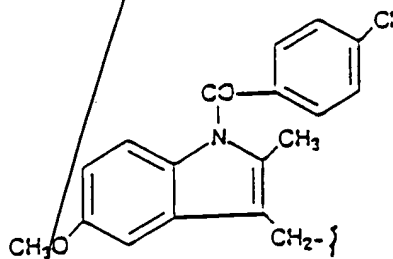
where M is chosen among:



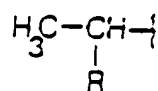
(XXX)



(XXXI)

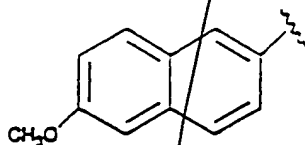


(XXXII)

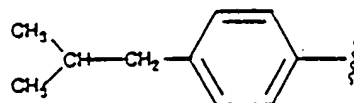


(XXXIII)

where R is chosen among:



(II)



(III)

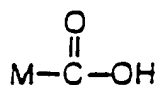
a

(X)

Y is chosen among oxygen, NH, NR₁, where R₁ is a linear or branched alkyl group, and n is comprised between 1 and 10,

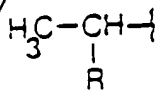
comprising the following steps:

(a) contacting a sodium salt of derivatives having the following general formula:



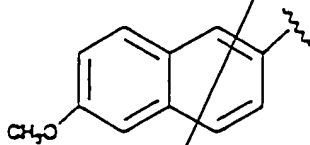
(VIA)

where M is chosen among the following structures: (XXX), (XXXI), (XXXII),

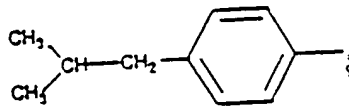


(XXXIII)

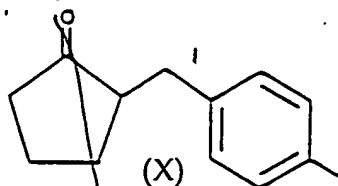
where R is chosen among the following structures:



(II)

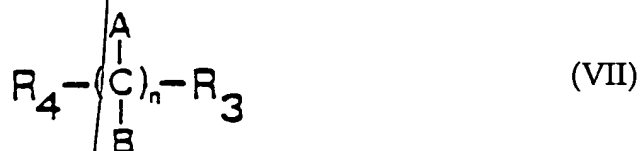


(III)



or contacting derivatives of structure (VIA) functionalized to the carboxylic group;

(b) reacting the sodium salt of said derivatives (VIA) or of said derivatives (VIA) functionalized to the carboxylic group, with a compound having the following general formula:



where:

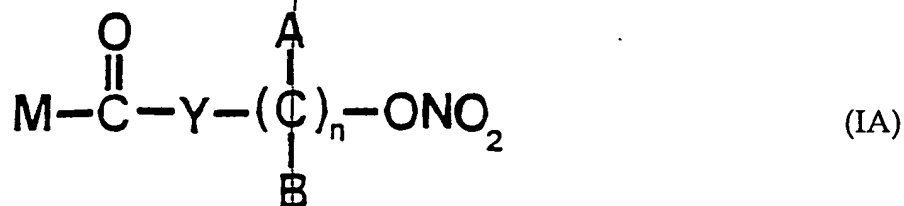
R₄ is chosen among chlorine, bromine, NHR₅ with R₅ hydrogen, linear or branched alkyl chain, A and B are chosen among hydrogen, linear or branched, substituted or non substituted alkyl chains, R₃ is chosen among chlorine, bromine and iodine, and n is comprised between 1 and 10, to produce monomeric esters or amides; and

(c) reacting said monomeric esters or said amides with a nitrating agent to produce the nitric esters of derivatives (IA).

25. The process of claim 24, wherein said carboxylic group is an acyclic chloride or anhydride chloride.

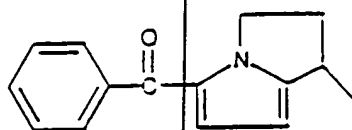
~~26. The process of claim 24, wherein said nitrating agent is AgNO₃.~~

27. A process for the preparation of nitric esters according to claim 1 and having the following general formula:

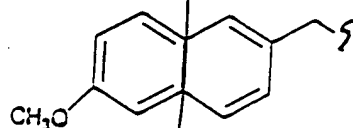


where A and B are chosen among hydrogen, linear or branched, substituted or non substituted alkyl chains,

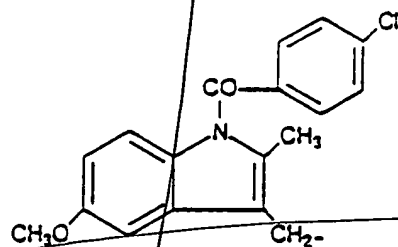
M is chose among



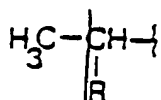
(XXX)



(XXXI)

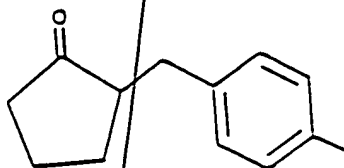


(XXXII)

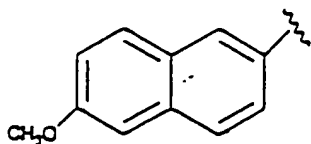


(XXXIII)

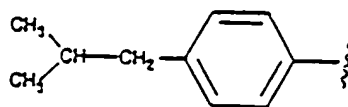
where R is chosen among:



(X)



(II)

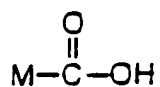


(III)

Y is chosen among oxygen, NH, NR₁, where R₁ is a linear or branched alkyl group, and n is comprised between 1 and 10,

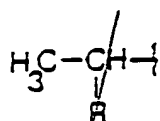
comprising the following steps:

(a) contacting a sodium salt of derivatives having the following general formula:



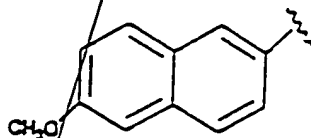
(VIA)

~~where M is chosen among the following structures: (XXX), (XXXI), (XXXII),~~

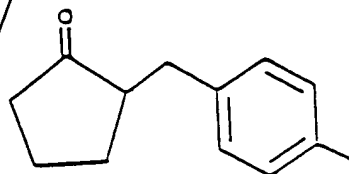


(XXXIII)

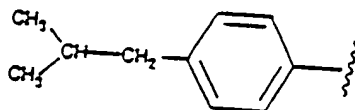
where R is chosen among the following structures:



(II)



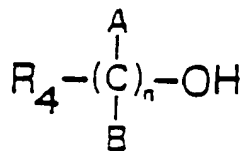
(X)



(III)

or contacting derivatives of structure (VIA) functionalized to the carboxylic group;

(b) reacting the sodium salt of said derivatives (VIA) or of said derivatives (VIA) functionalized to the carboxylic group, with a composition having the following general formula:



(VIII)